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What is claimed is:

- A compound 8 to 50 nucleobases in length targeted 1. 5 to a nucleic acid molecule encoding phosphatidylinositol-4phosphate 5-kinase, Ilpha, wherein said compound specifically acid molecule nucleic said with hybridizes phosphatidylinositol-4-phosphate 5-kinase, $I\alpha$ and inhibits the expression of phosphatidylinositol-4-phosphate 5-kinase, 10 Ια.
 - 2. The compound of claim 1 which is an antisense oligonucleotide.
 - 3. The compound of claim 2 wherein the antisense oligonucleotide has a sequence comprising SEQ ID NO: 10, 11, 12, 13, 14, 15, 16, 17, 18, 21, 22, 23, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 46, 48, 49, 50, 51, 52, 53, 54, 56, 57, 58, 60, 61, 62, 63,
 - 64, 66, 67, 69, 70, 71, 72, 73, 74, 76, 77, 78, 79, 82, 83 or 85.
 - 4. The compound of claim 2 wherein the antisense oligonucleotide comprises at least one modified internucleoside linkage.
- 5. The compound of claim 4 wherein the modified internucleoside linkage is a phosphorothicate linkage.
 - 6. The compound of claim 2 wherein the antisense oligonucleotide comprises at least one modified sugar moiety.
 - 7. The compound of claim 6 wherein the modified sugar moiety is a 2'-0-methoxyethyl sugar moiety.
- 30 8. The compound of claim 2 wherein the antisense oligonucleotide comprises at least one modified nucleobase.
 - 9. The compound of claim 8 wherein the modified nucleobase is a 5-methylcytosine.
- 10. The compound of claim 2 wherein the antisense oligonucleotide is a chimeric oligonucleotide.
 - 11. A compound 8 to 50 nucleobases in length which

specifically hybridizes with at least an 8-nucleobase portion of an active site on a nucleic acid molecule encoding phosphatidylinositol-4-phosphate 5-kinase, I α .

12. A composition comprising the compound of claim 1 and a pharmaceutically acceptable carrier or diluent.

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- 13. The composition of claim 12 further comprising a colloidal dispersion system.
- 14. The composition of claim 12 wherein the compound is an antisense oligonucleotide.
- 10 15. Α method of inhibiting the expression of phosphatidylinositol-4-phosphate 5-kinase, ${\mbox{I}}{\alpha}$ in cells tissues comprising contacting said cells or tissues with the 1 that compound of claim so expression οf phosphatidylinositol-4-phosphate 5-kinase, $I\alpha$ is inhibited.
 - 16. A method of treating an animal having a disease or condition associated with phosphatidylinositol-4-phosphate 5-kinase, I α comprising administering to said animal a therapeutically or prophylactically effective amount of the compound of claim 1 so that expression of phosphatidylinositol-4-phosphate 5-kinase, I α is inhibited.
 - 17. The method of claim 16 wherein the disease or condition is a hyperproliferative disorder.
 - 18. The method of claim 16 wherein the disease or condition is an inflammatory disorder.
- 19. The compound of claim 1 targeted to a nucleic acid molecule encoding phosphatidylinositol-4-phosphate 5-kinase, Iα, wherein said compound specifically hybridizes with and differentially inhibits the expression of one of the variants of phosphatidylinositol-4-phosphate 5-kinase, Iα relative to the remaining variants of phosphatidylinositol-4-phosphate 5-kinase, Iα.
 - 20. The compound of claim 19 targeted to a nucleic acid molecule encoding phosphatidylinositol-4-phosphate 5-kinase, $I\alpha$, wherein said compound hybridizes with and specifically inhibits the expression of a variant

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phosphatidylinositol-4-phosphate 5-kinase, I α , wherein said variant is selected from the group consisting of PIP5KI α 1, PIP5KI α 2 and PIP5KI α 3.